

What is claimed is:

1. A method of treating a viral infection in a subject, said method comprising  
5 treating the subject with a therapeutically effective amount of a sulfur-containing ( $H^+/K^+$ )ATPase inhibitor.

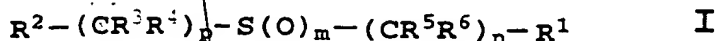
2. The method of Claim 1 wherein the  
10 compound contains a sulfoxide.

3. The method of Claim 1 wherein the subject is infected with a DNA virus.

15                    4. The method of Claim 3 wherein the  
subject is infected with a herpesvirus.

20 5. A method of treating viral infection in a subject, said method comprising treating the subject with an effective amount of a compound which inhibits an  $(H^+/K^+)ATPase$  and a viral protease.

6. A method of treating viral infection in a subject, said method comprising treating said subject with an effective amount of a compound of Formula I



wherein  $R^1$  is selected from alkoxy, alkoxy carbonyl, dialkylamino, aryl and heteroaryl, wherein  $R^1$  is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, aminoalkoxy optionally substituted on the nitrogen atom with alkyl, cycloalkyl, and aralkyl, hydroxyl, cyano, nitro, alkyl, halo, haloalkyl, haloalkoxy, alkanoyl, cycloalkylalkoxy, carboxyl, acyl, amide, alkylamide, aralkoxy, alkenyloxy, alkynyloxy, sulfonamidyl, dialkylsulfonamidyl, heterocyclic, aralkyl, heteroaralkyl, alkoxy carbonyl, heteroaryl, alkylthio, alkylsulfanyl, alkylsulfonyl, alkenylthio, arylthio, aralkylthio, cycloalkylthio, alkylimino and amino optionally substituted with a radical selected from alkyl, aralkyl, aryl, alkenyl, alkynyl, cycloalkyl, acyl, cycloalkenyl, hydroxyalkyl, alkoxy carbonyl and alkoxyalkyl;

wherein  $R^2$  is heteroaryl, wherein  $R^2$  is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, amino, cyano, nitro, hydroxyl, alkyl, cycloalkyl, halo, haloalkyl, haloalkoxy, carboxyl, alkanoyl, acyl, alkylamino, arylamino, alkylarylamino, alkanoylamino, alkylaminoalkyl, amide, alkylamide, alkoxy carbonyl, aryloxy carbonyl, aralkoxy carbonyl, alkylcarbonyl, cycloalkylcarbonyl, alkylcarbonylalkyl, alkoxy carbonylalkyl, dialkylcarbonyl, carbamoyloxy, aryloxy, aralkoxy, alkenyloxy, alkynyloxy, acyloxy, cycloalkylalkoxy,

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aralkyl, aryl, aroyl, alkoxyalkyl, hydroxyalkyl,  
heterocyclic, heteroaralkyl, alkylthio,  
alkylsulfinyl, alkylsulfonyl, arylthio,  
arylsulfinyl, alkylsulfonyl, sulfonamidyl and  
5 alkylsulfonamidyl;

wherein each of  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  is  
independently selected from hydrido, alkyl, aryl  
and aralkyl; and

wherein each of m, n and p is a number  
10 independently selected from 0, 1 and 2;

provided that when  $R^1$  is phenyl,  $R^2$  is  
not pyridyl or 1-( $\beta$ -D-ribofuranosyl)benzimidazole  
when m is 0 or 2;

or a pharmaceutically acceptable salt or  
15 prodrug thereof.

7. Method of Claim 6 wherein  $R^1$  is  
selected from lower alkoxy, lower alkoxy carbonyl,  
lower dialkylamino, phenyl, naphthyl, thiazolyl,  
20 thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl,  
pyrazolyl, imidazolyl, imidazolinyl, pyridyl,  
quinolyl, dihydroquinolyl, tetrahydroquinolyl,  
isoquinolyl, azaquinolyl, azaisoquinolyl,  
tetrahydroisoquinolyl, thiatetrahydroisoquinolyl,  
25 imidazopyridyl, azachromanyl, cycloheptenopyridine,  
benzimidazolyl, benzothiazolyl, benzoxazinyl,  
pyridazinyl, purinyl, thienyl, furyl,  
azaimidazopyridyl, piperidinyl, thienopyridinyl,  
dihydrothienopyridinyl, carbostyryl, pyrimidyl and  
30 pyrazinyl, wherein  $R^1$  is optionally substituted at  
a substitutable position with one or more radicals  
selected from lower alkoxy, lower aminoalkoxy  
optionally substituted on the nitrogen atom with  
lower alkyl, lower cycloalkyl and lower aralkyl,  
35 cyano, nitro, hydroxyl, lower alkyl, halo, lower  
haloalkyl, lower haloalkoxy, lower  
cycloalkylalkoxy, carboxyl, acyl, lower alkanoyl,

amide, lower alkylamide, lower aralkoxy, lower  
 alkenyloxy, lower alkynyloxy, sulfonamidyl, lower  
 dialkylsulfonamidyl, 5 to 20 membered heterocyclic,  
 lower aralkyl, lower heteroaralkyl, lower  
 5 alkoxy carbonyl, 5 to 8 membered heteroaryl, lower  
 alkylthio, lower alkylsulfinyl, lower  
 alkylsulfonyl, lower alkenylthio, lower arylthio,  
 lower aralkylthio, lower cycloalkylthio, lower  
 10 alkylimino and amino optionally substituted with a  
 radical selected from lower alkyl, lower aralkyl,  
 phenyl, lower alkenyl, lower alkynyl, lower  
 cycloalkyl, acyl, lower cycloalkenyl, lower  
 hydroxyalkyl, lower alkoxy carbonyl and lower  
 alkoxyalkyl; wherein  $R^2$  is selected from nitrogen-  
 15 containing heteroaryl, wherein  $R^2$  is optionally  
 substituted at a substitutable position with one or  
 more radicals selected from lower alkoxy, amino,  
 cyano, nitro, hydroxyl, lower alkyl, lower  
 cycloalkyl, halo, lower haloalkyl, lower  
 20 haloalkoxy, carboxyl, lower alkanoyl, acyl, lower  
 alkylamino, lower arylamino, lower alkylarylamino,  
 lower alkanoylamino, lower alkylaminoalkyl, amide,  
 lower alkylamide, lower alkoxy carbonyl, lower  
 aryloxy carbonyl, lower aralkoxy carbonyl, lower  
 25 alkyl carbonyl, lower cycloalkyl carbonyl, lower  
 alkyl carbonylalkyl, lower alkoxy carbonylalkyl,  
 lower dialkyl carbamoyl, carbanoyloxy, lower  
 aryloxy, lower aralkoxy, lower alkenyloxy, lower  
 alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower  
 30 aralkyl, optionally substituted lower aryl, lower  
 aroyl, lower alkoxyalkyl, lower hydroxyalkyl, 5 to  
 20 membered heterocyclic, lower heteroaralkyl,  
 lower alkylthio, lower alkylsulfinyl, lower  
 alkylsulfonyl, lower arylthio, lower arylsulfinyl,  
 35 lower arylsulfonyl, sulfonamidyl and lower  
 alkylsulfonamidyl; and wherein each of  $R^3$ ,  $R^4$ ,  $R^5$   
 and  $R^6$  is independently selected from hydrido,

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lower alkyl, phenyl, naphthyl and lower aralkyl; or a pharmaceutically acceptable salt thereof.

8. Method of Claim 7 wherein R<sup>1</sup> is  
5 selected from phenyl, naphthyl, thiazolyl,  
thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl,  
pyrazolyl, imidazolyl, imidazolinyl, pyridyl,  
quinolyl, dihydroquinolyl, tetrahydroquinolyl,  
isoquinolyl, azaquinolyl, azaisoquinolyl,  
10 tetrahydroisoquinolyl, thiatetrahydroisoquinolyl,  
imidazopyridyl, azachromanyl, cycloheptenopyridine,  
benzimidazolyl, benzothiazolyl, benzoxazinyl,  
pyridazinyl, purinyl, thienyl, furyl,  
azaimidazopyridyl, piperidinyl, thienopyridinyl,  
15 dihydrothienopyridinyl, carbostyryl, pyrimidyl and  
pyrazinyl, wherein R<sup>1</sup> is optionally substituted at  
a substitutable position with one or more radicals  
selected from methoxy, ethoxy, propoxy, butoxy,  
isopropoxy, tert-butoxy, aminomethoxy optionally  
20 substituted on the nitrogen atom with methyl,  
ethyl, propyl, butyl, pentyl, isopropyl, isobutyl,  
tert-butyl, cyclohexyl, cyclopropyl and benzyl,  
hydroxyl, amino optionally substituted with a  
radical selected from methyl, ethyl, propyl, butyl,  
25 pentyl, isopropyl, isobutyl, tert-butyl, benzyl,  
phenethyl, phenyl, butene, pentene, isopropylene,  
isobutylene, propargyl, cyclopropyl, cyclobutyl,  
cyclopentyl, cyclohexyl, formyl, acetyl,  
cyclobutenyl, cyclopentenyl, cyclohexenyl,  
30 hydroxymethyl, methoxycarbonyl, ethoxycarbonyl,  
isopropoxycarbonyl, tert-butoxycarbonyl,  
propoxycarbonyl, n-butoxycarbonyl,  
isobutoxycarbonyl, pentoxycarbonyl, and  
methoxymethyl, cyano, nitro, methyl, ethyl, propyl,  
35 butyl, pentyl, isopropyl, isobutyl, tert-butyl,  
fluoro, chloro, bromo, iodo, fluoromethyl,  
difluoromethyl, trifluoromethyl, dichloromethyl,

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trichloromethyl, pentafluoroethyl,  
heptafluoropropyl, difluorochloromethyl,  
dichlorofluoromethyl, difluoroethyl,  
difluoropropyl, dichloroethyl, dichloropropyl,  
5 trifluoromethoxy, cyclohexylmethoxy, carboxyl,  
formyl, acetyl, propionyl, amide, methylamide,  
dimethylamide, benzyloxy, sulfonamidyl,  
dimethylsulfonamidyl, morpholinyl, pyrrolidinyl,  
piperazinyl, piperidyl, benzyl, methoxycarbonyl,  
10 ethoxycarbonyl, pyridyl, methylthio,  
methylsulfinyl, methylsulfonyl, phenylthio,  
benzylthio, cyclohexylthio and methylimino; wherein  
R<sup>2</sup> is selected from pyridyl, indolyl, imidazolyl,  
benzimidazolyl, naphthoimidazolyl, 1,3-  
15 dioxolobenximidazolyl, imidazopyridyl,  
imidazoquinolinyl, dihydroimidazoquinolinyl,  
cycloheptoimidazolyl,  
cyclooxaundecanobenzimidazolyl, benzoxazolyl,  
benzothiazolyl, indolyl, thienoimidazolyl,  
20 pyridopyrazinyl, quinolinyl, quinoxalinyl,  
quinazolinyl, quinazolinonyl, triazolyl,  
tetrazolyl, oxazolyl, purinyl, indenoimidazolyl,  
thiadiazolyl, thiazolylpyridyl, pyridyl,  
pyrimidinyl, pyranobenzimidazolyl,  
25 thiopyranbenzimidazolyl, indolbenzimidazole,  
tetrahydroimidazoquinolinyl, wherein R<sup>2</sup> is  
optionally substituted at a substitutable position  
with one or more radicals selected from methoxy,  
ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy,  
30 amino, cyano, nitro, hydroxyl, methyl, ethyl,  
propyl, butyl, pentyl, isopropyl, isobutyl, tert-  
butyl, cyclohexyl, cyclopropyl, cyclobutyl, fluoro,  
chloro, bromo, iodo, fluoromethyl, difluoromethyl,  
trifluoromethyl, dichloromethyl, trichloromethyl,  
35 pentafluoroethyl, heptafluoropropyl,  
difluorochloromethyl, dichlorofluoromethyl,  
difluoroethyl, difluoropropyl, dichloroethyl,

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5 dichloropropyl, trifluoromethoxy, trifluoroethoxy, carboxyl, formyl, acetyl, propionyl, butyryl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, phenylamino, N-methyl-N-phenylamino, methylaminomethyl, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, phenoxy carbonyl, benzyloxycarbonyl, methylcarbonyl, cyclohexylcarbonyl, methylcarbonylmethyl, methoxycarbonylmethyl, N,N-dimethylcarbamoyl, carbamoxyloxy, phenoxy, benzoxy, benzyl, phenethyl, 15 phenyl, benzoyl, methoxymethyl, hydroxymethyl, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, methylthio, ethylthio, methylsulfinyl, ethylsulfinyl, methylsulfonyl, phenylthio, phenylsulfinyl, phenylsulfonyl, sulfonamidyl, 20 methylsulfonamidyl and N,N-dimethylsulfonamidyl; and wherein each of R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> is independently selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, phenyl and benzyl; or a pharmaceutically 25 acceptable salt thereof.

9. Method of Claim 8 Selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

- 30 [2-[(2-N-isobutyl-N-methylamino)-benzyl]sulfinyl]-1H-benzimidazole;
- 2-[[3-methylpyridin-2-ylmethyl]sulfinyl]-1H-benzimidazole;
- 35 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;

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- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;
- 5 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;
- 5-chloro-2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;
- 10 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 15 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;
- 5-ethoxy-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-4-methyl-1H-benzimidazole;
- 20 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethyl-1H-benzimidazole;
- 25 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethoxy-1H-benzimidazole;
- 5-chloro-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;
- 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;
- 30 2-[[2,3-dimethylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[3-methylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 35 2-[[2-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

9-(benzimidazol-2-yl)sulfinyl-4-methoxy-2,3-

[illegible]

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cycloheptenopyridine;

2-(5-fluoro-2-(4-methoxy-2-pyridyl)-  
phenylsulfinyl)-1H-benzimidazole;

5-difluoromethoxy-2-(((3,4-dimethoxy-2-pyridinyl)  
methyl)sulfinyl)-1H-benzimidazole;

2-(((4-difluoromethoxy-3-methyl-2-pyridyl)  
methylsulfinyl)benzimidazole;

2-[4(3-methoxypropoxy)-3-methylpyridine-2-yl]  
methylsulfinyl-1H-imidazole;

2-((6-azachroman-5-ylmethyl)sulfinyl)-  
benzimidazole;

5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-  
pyridinyl)methyl)sulfinyl)-1H-benzimidazole;

5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-  
pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-  
yl-methyl ethyl carbonate;

2-((3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl)  
methylsulfinyl)benzimidazole;

4-fluoro-2-(((4-methoxy-2-pyridinyl)methyl)  
sulfinyl)-1H-benzimidazol-1-yl-methyl-  
ethylcarbonate;

2-[3-methyl-4-(1-benzyl-4-piperidyl)oxy-2-pyridyl]  
methylthio-1H-benzimidazole;

2-(3-methyl-4-(2-(N-methyl-N-(4-methyl-benzyl)  
amino)ethoxy)-2-pyridyl)methylsulfonyl-1H-  
benzimidazole;

2-(4-methoxy-6-methyl-2-pyrimidinyl)methylthio-1H-  
benzimidazole;

2-[2-[N-4-(3-fluorophenyl)-butyl-N-methyl]  
aminoethyl]thio-(1H)-benzimidazole;

5-chloro-2-(3,4-dimethoxy-2-pyridylmethylsulfinyl)-  
1H-benzimidazole;

5-fluoro-2-(4-cyclopropylmethoxy-2-pyridylmethyl-  
sulfinyl)-1H-benzimidazole;

4-fluoro-2-(4-methoxy-2-pyridylmethylsulfinyl)-  
1H-benzimidazole;

2-(((4-methoxy-3,5-dimethyl-2-pyridinyl)-methyl)-

- 5-sulfinyl)-5-methoxy-1H-benzimidazole;  
 5-hydroxymethyl-2-((3,5-dimethyl-4-methoxy-2-  
 pyridyl)methylthio)-1H-benzimidazole;  
 2-(4-ethylthio-3-methylpyridin-2-yl-  
 methyl)sulfinyl-benzimidazole;  
 2-(((4-(2-benzyloxyethoxy)-3-methyl-2-pyridyl)  
 methylthio)benzimidazole;  
 2-[[2-[N-(2-hydroxyethyl)-N-methylamino]-5-methoxy]  
 benzylsulfinyl]benzimidazole;  
 2-[2-(3,5-dimethyl-4-ethoxy)pyridylmethylsulfinyl]-  
 5-methoxy-imidazo(4,5-b)pyridine;  
 2-(5-benzyl-4-chloro-6-methyl-2-pyrimidinyl)  
 methylthio)-1H-benzimidazole;  
 2,2-difluoro-6-((5-benzyloxy-4-methoxy-2-pyridyl)  
 methylthio)-5H-(1,3)-dioxolo(4,5-  
 f)benzimidazole;  
 5-carboethoxy-6-methyl-2-(((3-methyl-2-  
 pyridyl)methyl)sulfinyl)-1H-benzimidazole;  
 5-(2-benzimidazolylsulfinylmethyl)-3,4-dihydro-  
 4-methyl-2H-1,4-benzoxazine;  
 2-(3-methyl-4-(2-(N-benzyl-N-methylamino)ethoxy-2-  
 pyridyl)methylsulfinyl)-1H-benzimidazole;  
 2-(3-methyl-4-(2-(1,2,3,4-tetrahydroisoquinolin-  
 2-yl)-ethoxy)-2-pyridyl)methylsulfinyl)-1H-  
 benzimidazole;  
 2-[1-(3,5-dimethylpyrazolyl)]  
 methylthiobenzimidazole;  
 2-(3-chloro-4-methoxy-2-picolylthio)-5-methoxy-1H-  
 benzimidazole;  
 2-(4-(2-ethoxyethoxy)-3-methyl-2-pyridyl)  
 methylsulfinyl)-1H-benzimidazole;  
 2-(3-methylthieno(2,3-c)pyridin-7-  
 yl)methylsulfinyl)-benzimidazole;  
 2-(2-dimethylamino-5-methoxybenzylsulfinyl)-5-  
 methoxy-benzimidazole;  
 2-(2-dimethylamino-5-methylbenzylsulfinyl)-5-  
 methoxybenzimidazole;

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- 2-[4-(2,3,5-trimethyl)pyridylthio]-5-methoxybenzimidazole;  
2-[(2-(4-chlorophenyl)-5-methylimidazol-4-yl)methylthio]benzimidazole;  
5 2-(5-hydroxy-1H-benzimidazol-2-ylsulfinylmethyl)-N,N-dimethylbenzenamine;  
2-((6-methoxyisoquinolin-1-yl)methylsulfinyl)benzimidazole;  
3-(5-methoxy-1H-benzimidazol-2-yl)thiomethylcarbostyryl;  
10 5-methoxy-2-(4-dimethylamino-5-fluoro-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
2-(2-dimethylaminobenzyl-sulfinyl)-5-cyclopropylmethoxybenzimidazole;  
15 2-(3,5-dimethyl-2-pyridylmethylsulfinyl)-5-cyclopropylmethoxy-benzimidazole;  
2-[2-(N-cyclohexyl-N-methylamino)benzylsulfonyl]benzimidazole;  
8-(5-fluoro-6-methoxy-2-benzimidazolyl)sulfinylmethyl-1-ethyl-4-(N-methyl-N-allyl)amino-1,2,3,4-tetrahydroquinoline;  
20 2-(2-benzyloxycarbonylaminobenzylthio)benzimidazole;  
2-(2-benzimidazolylmethylthio)pyrimidine;  
25 2-(2-dimethylaminobenzylsulfinyl)imidazo[4,5-b]-pyridine;  
2-(2-pyridylmethylsulfinyl)quinoxaline;  
2-methyl-3-(2-pyridylmethylsulfinyl)pyrido[2,3-b]pyrazine;  
30 5-acetyl-2-((2-dimethylaminobenzyl)sulfinyl)benzimidazole;  
2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylsulfinyl)-5-fluoro-1H-benzimidazole;  
2-(3-pyridylmethylthio)-5-methoxybenzimidazole;  
35 2-(2-methylaminobenzylsulfinyl)benzimidazole;  
5-methoxy-2-(2-dimethylaminobenzylsulfinyl)-1H-benzimidazole;

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- 2-(3,4-dimethoxypyrid-2-ylmethylsulfinyl)-5-trifluoromethyl-benzimidazole;
- 5-methoxy-2-(4-piperidino-2-pyrimidinylmethylsulfinyl)-(1H)-benzimidazole;
- 5 2-[2-(4-benzyloxy)-pyridylmethylsulfinyl]benzimidazole;
- 4-allyloxy-8-(2-benzimidazolyl)thio-3-methyl-5,6,7,8-tetrahydroquinoline;
- 2-[2-(4-methoxy-5-n-pentyl)-pyridylmethylthio]benzimidazole;
- 10 2-(5-bromo-4-piperidino-2-pyridylmethylsulfinyl)-5-methoxy-(1H)-benzimidazole;
- 2-((3,5-dimethyl-4-morpholinopyrid-2-yl)methylsulfinyl)benzimidazole;
- 15 2-((2-pyridinylmethyl)sulfinyl)-1H-benzimidazole-1-methanol;
- 2-((3,4-dihydro-2H-thieno(3,2-c)pyridinylmethylthio)-1H-benzimidazole-1-methanol;
- 2-(4-isopropoxy-2-pyridyl)methylsulfinylbenzimidazole;
- 20 2-((4-fluorobenzyloxy-3-methyl-2-pyridyl)methylsulfinyl)benzimidazole;
- 2-(2-aminobenzylsulfinyl)-benzimidazole;
- N,N-dimethyl-2-(1H-benzimidazol-2-yl-sulfinylmethyl)benzenamine;
- 25 2-((4,5-dimethoxy-2-pyridyl)methylsulfinyl)-5-trifluoromethoxy-1H-benzimidazole;
- 2,2-difluoro-6-((4,5-dimethoxy-2-pyridyl)methylthio)-5H-1,3-dioxolo-(4,5-f)benzimidazole;
- 30 2-((4-morpholinyl-3-ethylpyridin-2-ylmethyl)sulfinyl)-5-trifluoromethylbenzimidazole;
- 2-((4-methoxy-2-pyridyl)methylsulfinyl)-5-trifluoromethoxy-1H-benzimidazole;
- 35 5-cyclopropylcarbonyl-2-((4-methoxy-2-pyridyl)methyl-sulfinyl)-1H-benzimidazole;

2-(2-pyridylmethylsulfinyl)quinoxaline;

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- 2-[(2-pyridyl)methylsulfinyl]thieno[3,4-d]-  
imidazole;
- 2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)thio)-  
4,5-diphenyloxazole;
- 5 3,5-dimethyl-4-methoxy-6-(((5-phenyl-1,2,4-triazol-  
3-yl)-thio)methyl)pyridine;
- 2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)  
sulfinyl)-4,5-diphenylimidazole;
- 5-(((4,5-diphenyl-2-oxazolyl)sulfinyl)methyl)-2,2-  
10 dimethyl-8-methyl-4H-1,3-dioxino(4,5-c)  
pyridine;
- 5-(((3,5-dimethyl-4-methoxy-2-pyridyl)methyl)  
sulfinyl)-1-methyltetrazole;
- 6-benzoylamino-7-chloro-2-(((3,5-dimethyl-4-  
15 methoxy-2-pyridyl)-methyl)thio)benzothiazole;
- 2-(((3,5-dimethyl-4-methoxy-2-pyridyl)-methyl)thio]  
quinoline;
- 2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]-5-  
methoxy-imidazo[4,5-b]pyridine;
- 20 5-(4,5-dihydro-2-oxazolyl)-2-((3,5-dimethyl-4-  
methoxy-2-pyridyl)methylthio)-1H-  
benzimidazole;
- 2-(2-dimethylaminobenzylsulfinyl)-5-methoxyimidazo  
[4,5-b]-pyridine;
- 25 3-phenyl-2-(2-pyridylmethylsulfinyl)-4(3H)-  
quinazolinone;
- 4-amino-2-(2-pyridylmethylthio)quinazoline;
- 2-(4-morpholinyl-2-pyrimidinylmethylthio)  
thieno(3,4-d)imidazole;
- 30 8-[2'-(N,N-dimethylanily)methylthio]purine;
- 2-[2'-(N,N-dimethylanily)methylthio]thieno-(3,4-d)-  
imidazole;
- 2-(4-methoxy-2-picolinylthio)-1H-thieno[3,4-  
d]imidazole;
- 35 2-(2-pyridylmethyl)thio-8H-indeno(1,2-d)imidazole;
- 2-(4-methoxy-5-chloro-2-picolylthio)-1H-thieno(3,4-  
d)imidazole;

2-[2-(1-pyrrolidinyl)benzylthio]  
cycloheptoimidazole;  
2-(2-acetylaminophenyl)methylthio  
cycloheptoimidazole;  
5 2-amino-5-(2-(2-pyridyl)ethylthio)-1,3,4-  
thiadiazole;  
2-gernaylthio-benzimidazole;  
2-(2-chlorobenzylthio)-8,8-dimethyl-6-oxo-5,6,7,8-  
tetrahydro-3H-imidazo[4,5-g]quinoline;  
10 8-(2-pyrimidinyl-sulfinyl)quinoline;  
2-((3-methyl-2-pyridyl)methylsulfinyl)pyrano(2,3-f)  
benzimidazole;  
2-[(2-isobutylamino)benzylsulfinyl]imidazole;  
ethyl 2-((1H-benzimidazol-2-yl)-sulfinylmethyl)-4-  
15 dimethylamino-5-pyrimidinecarboxylate;  
2-((2-ethoxyethyl)sulfinyl)-4-(3-pyridyl)thiazole;  
2-[2-(2-propynylamino)benzylsulfinyl]imidazole;  
2-(2-(2-methoxyethylamino)benzylsulfinyl)imidazole;  
1-(2-pyridyl)-2-(3-dimethylamino)benzylsulfinyl)  
20 imidazole;  
2-(2-methylaminobenzylthio)-4,5,6,7-tetrahydro-1H-  
benzimidazole;  
4,5-diphenyl-2-(2-pyridylmethyl)-thioimidazole;  
4-phenyl-2-(2-pyridylmethyl)thioimidazole;  
25 4,5-bis(4-methoxyphenyl)-2-(2-  
thienylthio)imidazole;  
2-(3-chloro-2-pyridinylthiomethyl)-4,5-dihydro-1H-  
imidazole;  
1-methyl-2-(2-pyrimidinylthiomethyl)-5-nitro-  
30 imidazole;  
1-methyl-2-(2-pyridylsulfonylmethyl)-5-  
nitroimidazole;  
1-methyl-2-(5-bromo-2-pyridylthiomethyl)-5-nitro-  
imidazole;  
35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]  
benzenamine;

- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-dimethylbenzenamine;  
N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]acetamide;  
5 2-[[ (4-methyl-1H-benzimidazol-2-yl) sulfinyl]methyl]benzenamine;  
2-[[ (5,6-dimethyl-1H-benzimidazol-2-yl) sulfinyl]methyl]benzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl) sulfinyl]methyl]benzenamine;  
10 methyl 2-[[ (2-aminophenyl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methoxybenzenamine;  
20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;  
25 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-methylbenzenamine;  
30 2-[[ (5-methoxy-1H-benzimidazol-2-yl) sulfinyl]methyl]-4-methylbenzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl) sulfinyl]methyl]-6-methylbenzenamine;  
35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;

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Sub-C2



ethyl 4-amino-3-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]benzoate;  
2-[[ (5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methylbenzenamine;  
5 2-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-4-fluorobenzenamine;  
2-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methoxy-3,5-dimethylbenzenamine;  
10 3-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;  
3-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
15 3-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;  
6-[[ (1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
6-[[ (4-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
20 6-[[ (5-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]-methyl]-2-pyridinamine;  
25 6-[[ (5-chloro-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-ethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
30 6-[[ (5,6-dimethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
35 6-[[ (4,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;

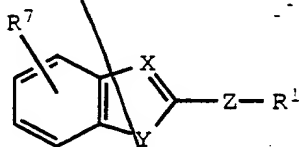
Sub. 27  
6-[[[5-(hydroxymethyl)-1H-benzimidazol-2-yl]sulfinyl]methyl]-2-pyridinamine;

6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;

5 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and

5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

10 10. A method of treating viral infection in a subject, said method comprising treating said subject with an effective amount of a compound of Formula II



II

15

wherein X is selected from CH or N;  
wherein Y is selected from CH<sub>2</sub>, NR<sup>8</sup>, O

and S;

20

wherein Z is selected from -S(O)<sub>m</sub>-,  
-(CR<sup>3</sup>R<sup>4</sup>)<sub>p</sub>S(O)<sub>m</sub>- and -S(O)<sub>m</sub>(CR<sup>5</sup>R<sup>6</sup>)<sub>n</sub>-;

wherein each of m, n and p is a number independently selected from 0, 1 and 2;

25 wherein R<sup>1</sup> is selected from aryl and heteroaryl, wherein R<sup>1</sup> is optionally substituted at a substitutable position with one or more radicals selected from alkoxy, aminoalkoxy optionally substituted on the nitrogen atom with alkyl, cycloalkyl and aralkyl, cyano, nitro, hydroxyl,  
30 alkyl, halo, haloalkyl, haloalkoxy, cycloalkylalkoxy, carboxyl, acyl, alkanoyl, amide, alkylamide, aralkoxy, alkenyloxy, alkynyloxy, sulfonamido, dialkylsulfonamido, heterocyclic, aralkyl, heteroaralkyl, alkoxycarbonyl, heteroaryl,  
35 alkylthio, alkylsulfinyl, alkylsulfonyl,

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 5 alkenylthio, arylthio, aralkylthio, cycloalkylthio, alkylimino and amino optionally substituted with a radical selected from alkyl, aralkyl, aryl, alkenyl, alkynyl, cycloalkyl, acyl, cycloalkenyl, hydroxyalkyl, alkoxycarbonyl and alkoxyalkyl; wherein each of R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> is independently selected from hydrido, alkyl, aryl and aralkyl;

10 wherein R<sup>7</sup> is one or more radicals selected from alkoxy, amino, cyano, nitro, hydroxyl, alkyl, cycloalkyl, halo, haloalkyl, haloalkoxy, carboxyl, alkanoyl, acyl, alkylamino, arylamino, alkylaryl amino, alkanoylamino, alkylaminoalkyl, amide, alkylamide, alkoxycarbonyl, 15 aryloxy carbonyl, aralkoxy carbonyl, alkyl carbonyl, cycloalkyl carbonyl, alkyl carbonyl alkyl, alkoxycarbonyl alkyl, dialkyl carbamoyl, carbamoyloxy, aryloxy, aralkoxy, alkenyloxy, alkynyloxy, acyloxy, cycloalkyl alkoxy, aralkyl, 20 aryl, aroyl, alkoxyalkyl, hydroxyalkyl, heterocyclic, heteroaralkyl, alkylthio, alkylsulfinyl, alkylsulfonyl, arylthio, arylsulfinyl, alkylsulfonyl, sulfonamido and alkylsulfonamido; or wherein R<sup>5</sup> and R<sup>8</sup> taken 25 together form a ring; and

wherein R<sup>8</sup> is selected from hydrido, alkyl, alkenyl, hydroxyalkyl, acyl, alkoxyalkyl, aryl, aryloxyalkyl, alkylthioalkyl, aralkyl, alkoxycarbonyl, amide, alkanoyl, alkyl carbamoyl and 30 alkylsulfonyl; provided that when m is 0, R<sup>8</sup> is not 1-( $\beta$ -D-ribofuranosyl)benzimidazole;

or a pharmaceutically acceptable salt thereof.

35 11. Method of Claim 10 wherein R<sup>1</sup> is selected from phenyl, naphthyl, thiazolyl, thiazolinyl, thiadiazolyl, oxazolyl, isoxazolyl,

pyrazolyl, imidazolyl, imidazoliny, pyridyl, quinolyl, dihydroquinolyl, tetrahydroquinolyl, isoquinolyl, azaquinolyl, azaisoquinolyl, tetrahydroisoquinolyl, thiatetrahydroisoquinolyl, imidazopyridyl, azachromanyl, cycloheptenopyridine, benzimidazolyl, benzothiazolyl, benzoxaziny, pyridaziny, puriny, thienyl, furyl, azaimidazopyridyl, piperidyl, thienopyridiny, dihydrothienopyridiny, carbostyryl, pyrimidyl and pyraziny, wherein R<sup>1</sup> is optionally substituted at a substitutable position with one or more radicals selected from lower alkoxy, lower aminoalkoxy optionally substituted on the nitrogen atom with lower alkyl, lower cycloalkyl and lower aralkyl, cyano, nitro, hydroxyl, lower alkyl, halo, lower haloalkyl, lower haloalkoxy, lower cycloalkylalkoxy, carboxyl, acyl, lower alkanoyl, amide, lower alkylamide, lower aralkoxy, lower alkenyloxy, lower alkynyloxy, sulfonamido, lower dialkylsulfonamido, 5 to 20 membered heterocyclic, lower aralkyl, lower heteroaralkyl, lower alkoxycarbonyl, 5 to 8 membered heteroaryl, lower alkylthio, lower alkylsulfinyl, lower alkylsulfonyl, lower alkenylthio, lower arylthio, lower aralkylthio, lower cycloalkylthio, lower alkylimino and amino optionally substituted with a radical selected from lower alkyl, lower aralkyl, phenyl, lower alkenyl, lower alkynyl, lower cycloalkyl, acyl, lower cycloalkenyl, lower hydroxyalkyl, lower alkoxycarbonyl and lower alkoxyalkyl, wherein each of R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> is independently selected from hydrido, lower alkyl, phenyl, naphthyl and lower aralkyl; wherein R<sup>7</sup> is one or more radicals selected from lower alkoxy, amino, cyano, nitro, hydroxyl, lower alkyl, lower cycloalkyl, halo, lower haloalkyl, lower haloalkoxy, carboxyl, lower alkanoyl, acyl, lower

alkylamino, lower arylamino, lower alkylarylamino,  
 lower alkanoylamino, lower alkylaminoalkyl, amide,  
 lower alkylamide, lower alkoxycarbonyl, lower  
 aryloxy, lower aralkoxy, lower alkenyloxy, lower  
 alkynyloxy, acyloxy, lower cycloalkylalkoxy, lower  
 aralkyl, optionally substituted lower aryl, lower  
 aroyl, lower alkoxyalkyl, lower hydroxyalkyl, 5 to  
 20 membered heterocyclic, lower heteroaralkyl,  
 lower alkylthio, lower alkylsulfinyl, lower  
 alkylsulfonyl, lower arylthio, lower arylsulfinyl,  
 lower arylsulfonyl, sulfonamido and lower  
 alkylsulfonamido; or wherein  $R^5$  and  $R^8$  taken  
 together form a ring; and wherein  $R^8$  is selected  
 from hydrido, lower alkyl, lower alkenyl, lower  
 hydroxyalkyl, acyl, lower alkoxyalkyl, phenyl,  
 naphthyl, lower aryloxyalkyl, lower alkylthioalkyl,  
 lower aralkyl, lower alkoxycarbonyl, amide, lower  
 alkanoyl, lower alkylcarbonyl and lower  
 alkylsulfonyl; or a pharmaceutically acceptable  
 salt thereof.

25

12. Method of Claim 11 wherein  $R^1$  is  
 optionally substituted at a substitutable position  
 with one or more radicals selected from methoxy,  
 ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy,  
 aminomethoxy optionally substituted on the nitrogen  
 atom with methyl, ethyl, propyl, butyl, pentyl,  
 isopropyl, isobutyl, tert-butyl, cyclohexyl,  
 cyclopropyl and benzyl, amino optionally  
 substituted with a radical selected from methyl,  
 ethyl, propyl, butyl, pentyl, isopropyl, isobutyl,  
 tert-butyl, benzyl, phenethyl, phenyl, butene,  
 pentene, isopropylene, isobutylene, propargyl,

- Sub. ca 7*
- 5 cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, formyl, acetyl, cyclobutenyl, cyclopentenyl, cyclohexenyl, hydroxymethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, and methoxymethyl, cyano, nitro, hydroxyl, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo,
- 10 fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl,
- 15 trifluoromethoxy, cyclohexylmethoxy, carboxyl, formyl, acetyl, propionyl, amide, methylamide, dimethylamide, benzyloxy, sulfonamido, dimethylsulfonamido, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, benzyl, methoxycarbonyl,
- 20 ethoxycarbonyl, pyridyl, methylthio, methylsulfinyl, methylsulfonyl, phenylthio, benzylthio, cyclohexylthio and methylimino; wherein each of R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> is independently selected from hydrido, methyl, ethyl, propyl,
- 25 butyl, pentyl, isopropyl, isobutyl, tert-butyl, phenyl and benzyl; wherein R<sup>7</sup> is one or more radicals selected from methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, amino, cyano, nitro, hydroxyl, methyl, ethyl, propyl, butyl,
- 30 pentyl, isopropyl, isobutyl, tert-butyl, cyclohexyl, cyclopropyl, cyclobutyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl,
- 35 difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, trifluoromethoxy, trifluoroethoxy,

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carboxyl, formyl, acetyl, propionyl, butyryl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, phenylamino, N-methy-N-phenylamino, methylaminomethyl, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, phenoxy carbonyl, benzyloxycarbonyl, methylcarbonyl, cyclohexylcarbonyl, methylcarbonylmethyl, methoxycarbonylmethyl, N,N-dimethylcarbamoyl, carbamoxyloxy, phenoxy, benzoxy, benzyl, phenethyl, phenyl, benzoyl, methoxymethyl, hydroxymethyl, morpholinyl, pyrrolidinyl, piperazinyl, piperidyl, methylthio, ethylthio, methylsulfinyl, ethylsulfinyl, methylsulfonyl, phenylthio, phenylsulfinyl, phenylsulfonyl, sulfonamido, methylsulfonamido and N,N-dimethylsulfonamido; or wherein R<sup>5</sup> and R<sup>8</sup> taken together form a ring; and wherein R<sup>8</sup> is selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, butene, pentene, isopropylene, isobutylene, hydroxymethyl, phenyl, naphthyl, phenoxymethyl, methylthiomethyl, benzyl, phenethyl, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, methoxymethyl, amide, formyl, acetyl, propionyl, butyryl, methylcarbamoyl and methylsulfonyl; or a pharmaceutically acceptable salt thereof.

13. Method of Claim 12 selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

Sub. 027

1. *Staphylococcus aureus* (Staph. aureus) is a common cause of skin infections, such as abscesses, boils, and impetigo. It is also responsible for more serious conditions like pneumonia and sepsis.

- 2-[[3-methylpyridin-2-ylmethyl]sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;  
5 2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;  
10 5-chloro-2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-3-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;  
15 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methoxy-1H-benzimidazole;  
20 5-ethoxy-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-4-methyl-1H-benzimidazole;  
25 2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-methyl-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethyl-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5,6-dimethoxy-1H-benzimidazole;  
30 5-chloro-2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-1H-benzimidazole;  
2-[(imidazo[1,2-a]pyridin-8-ylmethyl)sulfinyl]-5-trifluoromethyl-1H-benzimidazole;  
35 2-[[2,3-dimethylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;

- Sub. 127
- 2-[[[3-methylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[2-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 5 2-[[[3-phenylimidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-(4-nitrophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 10 5-methyl-2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 15 5-chloro-2-[[[3-[3-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 20 5-chloro-2-[[[3-[4-(trifluoromethyl)phenyl]imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 4-[8-[(1H-benzimidazol-2-yl)sulfinyl)methyl]imidazo[1,2-a]pyridin-3-yl]benzoate;
- 25 2-[[[3-(4-chlorophenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 2-[[[3-(4-methylphenyl)imidazo[1,2-a]pyridin-8-yl)methyl]sulfinyl]-1H-benzimidazole;
- 30 2-[(imidazo[1,2-a]pyridin-5-yl)methyl]sulfinyl]-1H-benzimidazole;
- 4,6-dimethyl-2-(((imidazo[1,2-a]pyridin-2-yl)methyl)thio)-1H-benzimidazole;
- 2-[3-methyl-4-(2-(N-benzyl-N-cyclohexylamino)-ethoxy)pyridyl]methylthio-1H-benzimidazole;
- 35 ethyl 2-[(1H-benzimidazol-2-yl)thiomethyl]-4-methyl-amino-5-pyrimidine carboxylate;

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- Sub. cat
- 2-(5-fluoro-2-(4-methoxy-2-pyridyl)-phenylsulfinyl)-1H-benzimidazole;  
5-difluoromethoxy-2-(((3,4-dimethoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazole;  
5 2-(((4-difluoromethoxy-3-methyl-2-pyridyl)methylsulfinyl)benzimidazole;  
2-(((6-azachroman-5-ylmethyl)sulfinyl)-benzimidazole;  
5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazole;  
10 5-carbomethoxy-6-methyl-2-(((3,4-dimethoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-yl-methyl ethyl carbonate;  
2-(((3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl)methylsulfinyl)benzimidazole;  
15 4-fluoro-2-(((4-methoxy-2-pyridinyl)methyl)sulfinyl)-1H-benzimidazol-1-yl-methyl-ethylcarbonate;  
2-[3-methyl-4-(1-benzyl-4-piperidyl)oxy-2-pyridyl]methylthio-1H-benzimidazole;  
20 2-(3-methyl-4-(2-(N-methyl-N-(4-methyl-benzyl)amino)ethoxy)-2-pyridyl)methylsulfonyl-1H-benzimidazole;  
2-(4-methoxy-6-methyl-2-pyrimidinyl)methylthio-1H-benzimidazole;  
25 5-chloro-2-(3,4-dimethoxy-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
5-fluoro-2-(4-cyclopropylmethoxy-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
30 4-fluoro-2-(4-methoxy-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
2-(((4-methoxy-3,5-dimethyl-2-pyridyl)-methyl)sulfinyl)-5-methoxy-1H-benzimidazole;  
5-hydroxymethyl-2-(((3,5-dimethyl-4-methoxy-2-pyridyl)methylthio-1H-benzimidazole;  
35 2-(4-ethylthio-3-methylpyrid-2-yl-methyl)sulfinyl-benzimidazole;

- Sub. co 7
- 2-(((4-(2-benzyloxyethoxy)-3-methyl-2-pyridyl)  
methylthio)benzimidazole;  
2-[2-[N-(2-hydroxyethyl)-N-methylamino]-5-methoxy]  
benzylsulfinyl]benzimidazole;  
5 2-(5-benzyl-4-chloro-6-methyl-2-pyrimidinyl)  
methylthio-1H-benzimidazole;  
5-carboethoxy-6-methyl-2-(((3-methyl-2-  
pyridyl)methyl)sulfinyl)-1H-benzimidazole;  
5-(2-benzimidazolylsulfinylmethyl)-3,4-dihydro-  
10 4-methyl-2H-1,4-benzoxazine;  
2-(3-methyl-4-(2-(N-benzyl-N-methylamino)ethoxy-2-  
pyridyl)methylsulfinyl)-1H-benzimidazole;  
2-(3-methyl-4-(2-(1,2,3,4-tetrahydroisoquinolin-  
2-yl)-ethoxy)-2-pyridyl)methylsulfinyl-1H-  
15 benzimidazole;  
2-[1-(3,5-dimethylpyrazolyl)]  
methylthiobenzimidazole;  
2-(3-chloro-4-methoxy-2-picolylthio)-5-methoxy-1H-  
benzimidazole;  
20 2-(4-(2-ethoxyethoxy)-3-methyl-2-pyridyl)  
methylsulfinyl-1H-benzimidazole;  
2-(3-methylthieno(2,3-c)pyridin-7-yl)  
methylsulfinyl)-benzimidazole;  
2-(2-dimethylamino-5-methoxybenzylsulfinyl)-5-  
25 methoxy-benzimidazole;  
2-(2-dimethylamino-5-methylbenzylsulfinyl)-5-  
methoxybenzimidazole;  
2-[4-(2,3,5-trimethyl)pyridylthio]-5-  
methoxybenzimidazole;  
30 2-[(2-(4-chlorophenyl)-5-methylimidazol-4-  
yl)methylthio]benzimidazole;  
2-(5-hydroxy-1H-benzimidazol-2-ylsulfinylmethyl)-  
N,N-dimethylbenzenamine;  
2-((6-methoxyisoquinolin-1-yl)methylsulfinyl)  
35 benzimidazole;  
3-(5-methoxy-1H-benzimidazol-2-  
yl)thiomethylcarbostyryl;

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- Sub. 27*
- 5-methoxy-2-(4-dimethylamino-5-fluoro-2-pyridylmethylsulfinyl)-1H-benzimidazole;  
 2-(2-dimethylaminobenzylsulfinyl)-5-cyclopropylmethoxybenzimidazole;  
 5 2-(3,5-dimethyl-2-pyridylmethylsulfinyl)-5-cyclopropylmethoxy-benzimidazole;  
 2-[2-(N-cyclohexyl-N-methylamino)benzylsulfonyl]benzimidazole;  
 8-(5-fluoro-6-methoxy-2-benzimidazolyl)sulfinylmethyl-1-ethyl-4-(N-methyl-N-allyl)amino-1,2,3,4-tetrahydroquinoline;  
 10 2-(2-benzyloxycarbonylaminobenzylthio)benzimidazole;  
 2-(2-benzimidazolylmethylthio)pyrimidine;  
 15 5-acetyl-2-((2-dimethylaminobenzyl)sulfinyl)benzimidazole;  
 2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylsulfinyl)-5-fluoro-1H-benzimidazole;  
 2-(3-pyridylmethylthio)-5-methoxybenzimidazole;  
 20 2-(2-methylaminobenzylsulfinyl)benzimidazole;  
 5-methoxy-2-(2-dimethylaminobenzylsulfinyl)-1H-benzimidazole;  
 2-(3,4-dimethoxypyrid-2-ylmethylsulfinyl)-5-trifluoromethyl-benzimidazole;  
 25 5-methoxy-2-(4-piperidino-2-pyrimidinylmethylsulfinyl)-(1H)-benzimidazole;  
 2-[2-(4-benzyloxy)-pyridylmethylsulfinyl]benzimidazole;  
 4-allyloxy-8-(2-benzimidazolyl)thio-3-methyl-5,6,7,8-tetrahydroquinoline;  
 30 2-[2-(4-methoxy-5-n-pentyl)-pyridylmethylthio]benzimidazole;  
 2-(5-bromo-4-piperidino-2-pyridylmethylsulfinyl)-5-methoxy-(1H)-benzimidazole;  
 35 2-((3,5-dimethyl-4-morpholinopyrid-2-yl)methylsulfinyl)benzimidazole;  
 2-((2-pyridinylmethyl)sulfinyl)-1H-benzimidazole-1-

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2-((3,4-dihydro-2H-thieno(3,2-c)pyridinylmethyl)  
thio)-1H-benzimidazole-1-methanol;

methy lsulfinylbenzimidazole;

2-(2-aminobenzylsulfinyl)-benzimidazole;

2-[(4,5-dimethoxy-2-pyridyl)methylsulfinyl]-5-trifluoromethoxy-1H-benzimidazole;

15 2-((4-methoxy-2-pyridyl)methylsulfinyl)-5-  
trifluoromethoxy-1H-benzimidazole;

5-cyclopropylcarbonyl-2-((4-methoxy-2-pyridyl)  
methyl-sulfinyl)-1H-benzimidazole;

20 2-[2-(3,5-dimethyl-4-methoxy)-pyridyl  
methylsulfinyl]-(5-chloro)-benzimidazole;

2-[2-(4,5-dimethyl)-pyridylmethylsulfinyl]-(5-acetyl-6-methyl)-benzimidazole;

2-[2-(3,5-dimethyl)pyridylmethylsulfinyl]5-fluoro-  
benzoxazole;

25 3-[(4-dimethylamino-2-pyridyl)methylthio]indole;

6-benzoylamino-7-chloro-2-(((3,5-dimethyl-4-methoxy-2-pyridyl)-methyl)thio)benzothiazole;

5-(4,5-dihydro-2-oxazolyl)-2-((3,5-dimethyl-4-methoxy-2-pyridyl)methylthio)-1H-

30 benzimidazole;

2-gernaylthio-benzimidazole;

ethyl 2-((1H-benzimidazol-2-yl)-sulfinylmethyl)-4-dimethylamino-5-pyrimidinecarboxylate;

2-[(1H-benzimidazol-2-ylsulfinyl)  
35 methyl]benzenamine;

2-[ (1H-benzimidazol-2-ylsulfinyl)methyl]N,N-  
dimethylbenzenamine;

- Sub. 027
- N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]  
acetamide;
- 2-[[[4-methyl-1H-benzimidazol-2-yl)sulfinyl]methyl]  
benzenamine;
- 5 2-[[[5,6-dimethyl-1H-benzimidazol-2-  
yl)sulfinyl]methyl]benzenamine;
- 2-[[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl]  
methyl]benzenamine;
- 10 methyl 2-[[[2-aminophenyl)methyl)sulfinyl]-5-  
methoxy-1H-benzimidazole-6-carboxylate;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
chlorobenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-  
chlorobenzenamine;
- 15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
methoxybenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-  
methoxybenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-  
20 methylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
methylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-  
methylbenzenamine;
- 25 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-  
dimethylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-  
methylbenzenamine;
- 2-[[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl]  
30 methyl]-4-methylbenzenamine;
- 2-[[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl]  
methyl]-6-methylbenzenamine;
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
ethylbenzenamine;
- 35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-  
ethylbenzenamine;

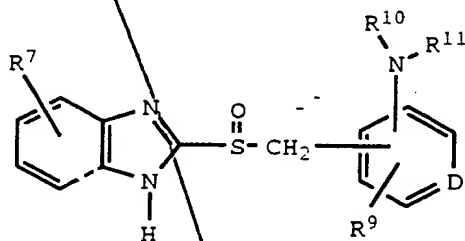
- Sub. 2
- 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-  
3,5-dimethylbenzenamine;  
2-[[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-  
methyl]benzenamine;  
5 2-[[[(5-chloro-1H-benzimidazol-2-yl)sulfinyl]-  
methyl]benzenamine;  
2-[[[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-  
methyl]benzenamine;  
2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-  
10 yl)sulfinyl]methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
(trifluoromethyl)benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
butylbenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-  
dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-  
dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-  
20 6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-  
methoxy-3-methylbenzenamine;  
2-[[[(5-ethoxy-1H-benzimidazol-2-yl)sulfinyl]-  
methyl]-4-methylbenzenamine;  
25 2-[[[(5-methyl-1H-benzimidazol-2-yl)sulfinyl]-  
methyl]-5,6-dimethylbenzenamine;  
2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-  
yl)sulfinyl]-3,6-dimethylbenzenamine;  
2-[[[(5-(trifluoromethyl)-1H-benzimidazol-2-  
30 yl)sulfinyl]methyl]-6-methoxybenzenamine;  
methyl 2-amino-3-[(1H-benzimidazol-2-ylsulfinyl)  
methyl]benzoate;  
ethyl 4-amino-3-[(1H-benzimidazol-2-  
ylsulfinyl)methyl]benzoate;  
35 ethyl 4-amino-3-[[[(5-methoxy-1H-benzimidazol-2-  
yl)sulfinyl]methyl]benzoate;

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- 2-[[5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-4-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-fluorobenzenamine;  
5 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;  
2-[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-4-methoxy-3,5-dimethylbenzenamine;  
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;  
10 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;  
15 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
6-[[4-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
20 6-[[5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5-chloro-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
25 6-[[[5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5-ethoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[5,6-dimethoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
30 6-[[5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
6-[[4,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;  
35 6-[[[5-(hydroxymethyl)-1H-benzimidazol-2-yl)sulfinyl)methyl]-2-pyridinamine;

- 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;  
 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and  
 5 5-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

14. A method of inhibiting a viral protease, said method comprising treating said  
 10 subject with an effective amount of a compound of Formula III



III

- 15 wherein D is N or CH;  
 wherein R<sup>7</sup> is one or more radicals selected from hydrido, alkoxy, amino, cyano, nitro, hydroxyl, alkyl, halo, haloalkyl, carboxyl, alkanoyl, nitro, amino, alkylamino, amide,  
 20 alkylamide, alkoxycarbonyl, alkylthio, alkylsulfinyl and alkylsulfonyl;  
 wherein R<sup>9</sup> is one or more radicals selected from hydrido, alkoxy, amino, alkyl, halo, cyano, nitro, hydroxyl, haloalkyl, carboxyl,  
 25 alkanoyl, nitro, amide, alkylamide, alkoxycarbonyl, alkylthio, alkylsulfinyl and alkylsulfonyl; and  
 wherein R<sup>10</sup> and R<sup>11</sup> are independently selected from hydrido and alkyl;  
 or a pharmaceutically acceptable salt  
 30 thereof.

15. Method of Claim 14 wherein R<sup>7</sup> is one or more radicals selected from hydrido, lower

alkoxy, amino, cyano, nitro, hydroxyl, lower alkyl, halo, lower haloalkyl, carboxyl, lower alkanoyl, lower alkylamino, amide, lower alkylamide, lower alkoxycarbonyl, lower alkylthio, lower alkylsulfinyl and lower alkylsulfonyl; wherein R<sup>9</sup> is one or more radicals selected from hydrido, lower alkoxy, amino, lower alkyl, halo, cyano, nitro, hydroxyl, lower haloalkyl, carboxyl, lower alkanoyl, lower alkylamino, amide, lower alkylamide, lower alkoxycarbonyl, lower alkylthio, lower alkylsulfinyl and lower alkylsulfonyl; and wherein R<sup>10</sup> and R<sup>11</sup> are independently selected from hydrido and lower alkyl; or a pharmaceutically acceptable salt thereof.

16. Method of Claim 15 wherein R<sup>7</sup> is one or more radicals selected from hydrido, methoxy, ethoxy, propoxy, butoxy, isopropoxy, tert-butoxy, amino, cyano, nitro, hydroxyl, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, carboxyl, formyl, acetyl, propionyl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, methylthio, methylsulfinyl and methylsulfonyl;

wherein R<sup>9</sup> is one or more radicals selected from hydrido, methoxy, ethoxy, propoxy,

butoxy, isopropoxy, tert-butoxy, amino, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl, tert-butyl, fluoro, chloro, bromo, iodo, cyano, nitro, hydroxyl, fluoromethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, pentafluoroethyl, heptafluoropropyl, difluorochloromethyl, dichlorofluoromethyl, difluoroethyl, difluoropropyl, dichloroethyl, dichloropropyl, carboxyl, formyl, acetyl, propionyl, N-methylamino, N-ethylamino, N-propylamino, N-butylamino, N-tert-butylamino, N-pentylamino, N-hexylamino, N,N-dimethylamino, amide, N-methylamide, N,N-dimethylamide, methoxycarbonyl, ethoxycarbonyl, isopropoxycarbonyl, tert-butoxycarbonyl, propoxycarbonyl, n-butoxycarbonyl, isobutoxycarbonyl, pentoxycarbonyl, methylthio, methylsulfinyl and methylsulfonyl; and  
wherein R<sup>10</sup> and R<sup>11</sup> are independently selected from hydrido, methyl, ethyl, propyl, butyl, pentyl, isopropyl, isobutyl and tert-butyl; or a pharmaceutically acceptable salt thereof.

17. Method of Claim 16 selected from compounds, and their pharmaceutically acceptable salts, of the group selected from:

2-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]N,N-dimethylbenzenamine;  
N-[2-[(1H-benzimidazol-2-ylsulfinyl)methyl]phenyl]acetamide;  
2-[[[4-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;

2-[[ (5,6-dimethyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;  
5 methyl 2-[[ (2-aminophenyl)methyl)sulfinyl]-5-methoxy-1H-benzimidazole-6-carboxylate;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chlorobenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5-chlorobenzenamine;  
10 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxybenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methoxybenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-methylbenzenamine;  
20 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4,6-dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-methylbenzenamine;  
25 2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-4-methylbenzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl)methyl]-6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-ethylbenzenamine;  
30 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-6-ethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-methoxy-3,5-dimethylbenzenamine;  
35 2-[[ (5-methyl-1H-benzimidazol-2-yl)sulfinyl)methyl]benzenamine;

- 2-[[ (5-chloro-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]benzenamine;  
5 2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
yl) sulfinyl]methyl]benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
(trifluoromethyl)benzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
10 butylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-5,6-  
dimethylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,6-  
dimethylbenzenamine;  
15 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-  
6-methylbenzenamine;  
2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-chloro-6-  
methoxy-3-methylbenzenamine;  
2-[[ (5-ethoxy-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]-4-methylbenzenamine;  
20 2-[[ (5-methyl-1H-benzimidazol-2-yl) sulfinyl]-  
methyl]-5,6-dimethylbenzenamine;  
2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-  
yl) sulfinyl]-3,6-dimethylbenzenamine;  
25 2-[[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)  
sulfinyl]methyl]-6-methoxybenzenamine;  
methyl 2-amino-3-[(1H-benzimidazol-2-  
ylsulfinyl)methyl]benzoate;  
ethyl 4-amino-3-[(1H-benzimidazol-2-  
ylsulfinyl)methyl]benzoate;  
30 ethyl 4-amino-3-[[ (5-methoxy-1H-benzimidazol-2-  
yl) sulfinyl]methyl]benzoate;  
2-[[ (5,6-dimethoxy-1H-benzimidazol-2-  
yl) sulfinyl]methyl]-4-methylbenzenamine;  
35 2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-4-  
fluorobenzenamine;

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2-[(1H-benzimidazol-2-ylsulfinyl)methyl]-3,4,5-trimethylbenzenamine;  
2-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]methyl]-4-methoxy-3,5-dimethylbenzenamine;  
5 3-[(1H-benzimidazol-2-ylsulfinyl)methyl]benzenamine;  
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
3-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N,N-dimethyl-2-pyridinamine;  
10 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine;  
6-[[ (4-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
15 6-[[ (5-methyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-methoxy-1H-benzimidazol-2-yl)sulfinyl]-methyl]-2-pyridinamine;  
6-[[ (5-chloro-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
20 6-[[ (5-(trifluoromethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5-ethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
25 6-[[ (5,6-dimethoxy-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (5,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
6-[[ (4,6-dimethyl-1H-benzimidazol-2-yl)-sulfinyl]methyl]-2-pyridinamine;  
30 6-[[ (5-(hydroxymethyl)-1H-benzimidazol-2-yl)sulfinyl]methyl]-2-pyridinamine;  
6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-(2,2-dimethylpropyl)-2-pyridinamine;  
35 6-[(1H-benzimidazol-2-ylsulfinyl)methyl]-N-ethyl-2-pyridinamine; and

5-[ (1H-benzimidazol-2-ylsulfinyl)methyl]-2-pyridinamine.

18. Method of Claim 14 wherein the viral  
5 protease is a herpesvirus protease.

19. Method of Claim 18 wherein the viral protease is a CMV protease.

10                    20. Method of Claim 19 wherein the viral  
protease is a CMV protease, encoded by UL80.